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Docket: 0670-0271

2121

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022604

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT application of)
KENICHI SHIRAISHI et al)
Serial No. 10/031,085) Group Art Unit: 2121
Filed: 01/16/2002) Examiner: Unassigned
For: APPARATUS AND METHOD FOR)
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INFORMATION DISCLOSURE STATEMENT

Honorable Assistant Commissioner of Patents

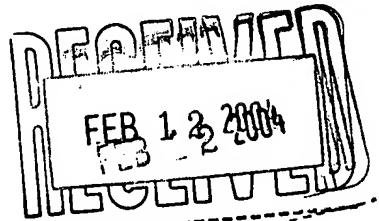
Washington, D.C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application. Copies of the references listed are submitted herewith in accordance with 37 C.F.R. 1.98(a).

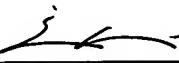
In accordance with 37 C.F.R. § 1.97(e), it is certified that either (1) each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement, or (2) no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign patent application and no item of information contained in the information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this information disclosure statement.

The Commissioner is hereby authorized to charge fees under 37 C.F.R. §§1.16, 1.17, 1.20(a), 1.20(b), 1.20(c), and 1.20(d) (except the Issue Fee) which may be



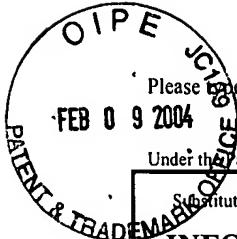
required now or hereafter, or credit any overpayment to Deposit Account No. 50-2280.
A duplicate copy of this sheet is attached.

Respectfully submitted,


Eric J. Robinson
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Robinson Intellectual Property Law Office
PMB 955, 21010 Southbank Street
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CERTIFICATE OF MAILING

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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Complete if Known

Application Number	10/031,085
Filing Date	January 16, 2002
First Named Inventor	Kenichi SHIRAI SHI et al.
Group Art Unit	2121
Examiner Name	Unassigned
Attorney Docket Number	0670-271

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴ (if known)				
		WO	99/29075		06/10/1999		Abst.
		WO	00/18077		03/30/2000		Abst.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symp.sium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Supplementary European Search Report dated January 19, 2004	
		P. Fines et al., "Fully Digital M-ary PSK and M-ary QAM Demodulators for Land Mobile Satellite Communications, Electronics & Communication Journal , Vol. 3, No. 6, pages 291-298, December 1991	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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